

WHAT IS CLAIMED IS:

1. An emitted-radio-wave shield comprising:

a shield box housing a circuit board;

a shield plate removably secured to said shield

5 box; and

a shield member, which is disposed at a joint

between said shield box and said shield plate and is
electrically connected with said shield box, for

shielding emitted radio waves from the circuit board in

10 a state in which said shield plate is secured to said
shield box;

wherein said shield plate is formed to have a
plurality of protrusions, which project toward said
shield member, at a part thereof that contacts said
15 shield member.

2. The shield according to claim 1, wherein said

plurality of protrusions are formed on said shield plate
at regular intervals.

3. The shield according to claim 2, wherein said

20 regular interval is 60 mm or less.

4. The shield according to claim 1, wherein said shield
members are resilient bodies.

5. An emitted-radio-wave shield comprising:

a shield box housing a circuit board;

25 a shield plate removably secured to said shield
box; and

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a shield member, which is disposed at a joint between said shield box and said shield plate and is electrically connected with shield plate, for shielding emitted radio waves from the circuit board in a state in
5 which said shield plate is secured to said shield box;

wherein said shield box is formed to have a plurality of protrusions, which project toward said shield member, at a part thereof that contacts said shield member.

10 6. The shield according to claim 5, wherein said plurality of protrusions are formed on said shield box at regular intervals.

7. The shield according to claim 6, wherein said regular interval is 60 mm or less.

15 8. The shield according to claim 5, wherein said shield members are resilient bodies.

9. An emitted-radio-wave shield comprising:

20 a shield box housing a circuit board, said shield box having an opening, which is formed to include a flange, and locking means;

a rectangular shield plate removably secured to the flange; and

25 a shield member, which is disposed on the flange constituting a joint between said shield box and said shield plate and is electrically connected with said shield box, for shielding emitted radio waves from the

circuit board in a state in which said shield plate is secured to said shield box;

wherein said shield plate is formed to have a plurality of protrusions, which project toward said 5 shield member, at a part thereof that contacts said shield member;

one edge of said shield plate is formed to have projections and said flange is formed to have corresponding through-holes for mating with respective 10 ones of the projections; and

an edge of said shield plate opposite said one edge is formed to have a locking portion for locking engagement with said locking means of said shield box.

10. The shield according to claim 9, wherein said 15 plurality of protrusions are formed on said shield plate at regular intervals.

11. The shield according to claim 10, wherein said regular interval is 60 mm or less.

12. The shield according to claim 9, wherein said 20 shield members are resilient bodies.

13. An image forming apparatus using the emitted-radio-wave shield set forth in claim 1, wherein said circuit board is an image processing circuit board for converting an image to an electric signal and then 25 processing the image.